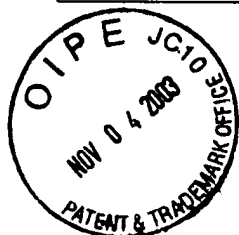27662
PATENT TRADEMARK OFFICE

PATENT APPLICATION
Microsoft Docket No. 302963.01
Attorney Docket No.: MCS-019-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of 　　　　FLORENCIO	: Group Art Unit: 2613
	:
Entitled:　HIERARCHICAL DATA 　　　　COMPRESSION SYSTEM AND 　　　　METHOD FOR CODING VIDEO DATA	: Examiner: UNKNOWN
Serial No.:　10/606,062	:
Filing Date:　June 25, 2003	:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached hereto is a Form PTO-1449 listing documents believed relevant to the subject application. It is respectfully requested that these documents be made of record and an initialed copy of each form be returned to the undersigned.

This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 CFR 1.56(a)
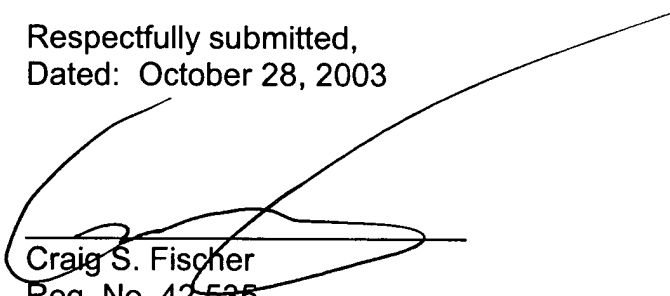
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exists. Furthermore, no admission is being made that these documents are prior art, and the Applicants reserve the right to challenge any such conclusion.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97, and 1.98, and the manual of Patent Examining Procedures, sections 609 and 707.05. If for some reason the Examiner considers otherwise, it is respectfully requested that the undersigned be contacted so that any deficiencies can be remedied.

A copy of these documents is enclosed unless indicated otherwise. Some of the documents may have markings on them. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

In an effort to expedite and further the prosecution of the subject application, the Applicant kindly invites the Examiner to contact the Applicant's attorney by telephone at (805) 278-8855 if the Examiner has any questions or concerns.

Respectfully submitted,
Dated: October 28, 2003

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						DOCKET NO.: MCS-019-03	SERIAL NO.: 10/606,062

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

INVENTOR: FLORENCIO	
FILING DATE: 06-25-2003	GROUP: 2613

U.S. PATENT DOCUMENTS

*Examiner Initial	Ref.	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS *(Including Author, Title, Date. Pertinent Pages, Etc.)*

	Ref.	
	A1	Al-Regib, G. and Altunbasak, Y., "Hierarchical motion estimation with content-based meshes" *to appear in IEEE Trans. on Circuits and Systems for Video Technology* in October 2003.
	A2	Andersson, K. and Knutsson, H., "Multiple hierarchical motion estimation", in *Proceedings of Signal Processing, Pattern Recognition, and Applications (SPPRA'02)*, pp. 80-85, Crete, Greece, June 2002.
	A3	Cheung, C.K. and Po, L.M., "A hierarchical block matching algorithm using partial distortion measure" in *Proceedings of IEEE International Symposium on circuits and systems*, vol. II, pp. 1237-1240, Jun. 1997.
	A4	Houlding, D. and Vaisey, J., "Pyramid decompositions and hierarchical motion compensation", in *Digital Video Compression: Algorithms and Technologies*, vol. 2419 of *Proc. of SPIE*, pp. 201-209, Feb. 7-10, 1995.
	A5	Illgner, K. and Muller, F., "Hierarchical coding of motion vector fields", in *Proc. of IEEE International Conference on Image Processing*, vol. 1, pp. 566-569, October 1995.
	A6	Lin, C-W, Chang, Y-J, and Chen, Y-C, "Hierarchical motion estimation algorithm based on pyramidal successive elimination", in *Proc. Int. Computer Symp.*, pp. 41-44, Dec. 17-19, 1998, Tainan, Taiwan.
	A7	Memin, E. and Perez, P., "A multigrid approach for hierarchical motion estimation", in *IEEE Proceedings of the Sixth International Conference on Computer Vision*, pp. 933-938, Bombay, India, January 1998.
	A8	Skrzypkowiak, S.S. and Jain, V.K., "Hierarchical video motion estimation using a neural network", in *Workshop on Digital and Computational Video 2001*, pp. 202-208.

EXAMINER:	DATE CONSIDERED:

*EXAMINER: Initial if any reference considered, whether or not the citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.